Stanford ONLINE

COURSE CERTIFICATE

Sep 27, 2023

الحسن ابراهيم جادالرب عبدالراضي

has successfully completed

Graph Search, Shortest Paths, and Data Structures

an online non-credit course authorized by Stanford University and offered through Coursera



Tim Roughgarden Associate Professor of Computer Science Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THIS PARTICIPANT WAS UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT. Coursera has confirmed the identity of this individual and their

Verify at: https://coursera.org/verify/V7GF39DJCJVA

participation in the course.